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OSMM&N File No. 249617US2S DIV
✓ Serial No. 10/803,041

Dept.: E/M

By: JJK:SAM:ycs

In the matter of the Application of: Hideo ANDO, et al.

For: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING
METHOD AND APPARATUS, AND INFORMATION PLAYBACK METHOD
AND APPARATUS

Due Date: N/A

The following has been received in the U.S. Patent Office on the date stamped hereon:

- Dep. Acct. Order Form
- Cover Letter (*in duplicate*)
- Amendment Under 37 C.F.R. § 1.312.



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Docket No. 249617US2S DIV

IN RE APPLICATION OF: Hideo ANDO, et al.

SERIAL NO: 10/803,041

FILED: March 18, 2004

FOR: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING METHOD AND APPARATUS,
AND INFORMATION PLAYBACK METHOD AND APPARATUS

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Transmitted herewith is an amendment in the above-identified application.

- ☒ No additional fee is required
- ☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
- ☐ Additional documents filed herewith:

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	4	MINUS	20	0	x \$50 =	\$0.00
INDEPENDENT	4	MINUS	4	0	x \$200 =	\$0.00
		<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+ \$360 =	\$0.00
		TOTAL OF ABOVE CALCULATIONS				\$0.00
		<input type="checkbox"/> TERMINAL DISCLAIMER (37 CFR 1.20(d))				\$0.00
		<input type="checkbox"/> Recordation of Assignment			+ \$40 =	\$0.00
		TOTAL				\$0.00

- ☐ A check in the amount of \$0.00 is attached.
- ☐ Credit card payment form is attached to cover the fees in the amount of \$0.00
- ☒ Please charge any additional Fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- ☒ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

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DOCKET NO: 249617US2S DIV

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF	:	EXAMINER: ROBERT CHEVALIER
HIDEO ANDO, ET AL.	:	
SERIAL NO: 10/803,041	:	GROUP ART UNIT: 2616
FILED: MARCH 18, 2004	:	
FOR: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING METHOD AND APPARATUS, AND INFORMATION PLAYBACK METHOD AND APPARATUS	:	ALLOWED: OCTOBER 20, 2005

AMENDMENT UNDER 37 C.F.R. § 1.312

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

In response to the Notice of Allowance mailed October 20, 2005, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 9 of this paper.

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IN THE CLAIMS

Please amend the claims as follows:

Claims 1-8 (Canceled).

Claim 9 (Currently Amended): An information recording medium for use with a recording/reproducing device, comprising:

a first area configured to allow an object file to be recorded therein or reproduced therefrom, the object file including at least one of a video object, a still picture object, and an audio object;

a second area configured to allow management information to be recorded therein or reproduced therefrom, the management information being referred to when the object file recorded in the first area is reproduced;

a third area provided in the second area configured to allow manufacturer's information to be recorded therein;

a fourth area provided in the third area configured to allow manufacturer ID information to be recorded therein;

a fifth area provided in the third area configured to allow specific information of the manufacturer to be recorded therein;

a sixth area provided in the third area configured to allow recording time required for recording the specific information of the manufacturer to be recorded therein;

a seventh area provided in the second area configured to allow PGC control information to be recorded therein, the seventh area being different from the third area in the second area;

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an eighth area provided in the seventh area configured to allow a plurality of PGC information to be recorded therein, each of the PGC information defined in each PGC, the PGC designating a playback sequence of cells, the cells indicating a playback period in the video object, a part of the video object configured to be referred to by more than one PGC;

a ninth area provided in the eighth area configured to allow one of the PGC information to be recorded therein, the PGC information including program information for a program, cell information, and search pointer of the cell information; and

a tenth area provided in the ninth area configured to allow PGC_GI to be recorded therein, the PGC_GI including number information of the program and number information of the search pointers of corresponding cell information,

wherein the object file of the first area is accessed by referring to the ~~control~~ management information of the second area.

Claim 10 (Previously Presented): A method of reproducing information from an information recording medium wherein:

said information recording medium comprises,

a first area configured to allow an object file to be recorded therein, the object file including at least one of a video object, a still picture object, and an audio object;

a second area configured to allow management information to be recorded therein, the management information being referred to when the object file recorded in the first area is reproduced;

a third area provided in the second area configured to allow manufacturer's information to be recorded therein;

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a fourth area provided in the third area configured to allow manufacturer ID information to be recorded therein;

a fifth area provided in the third area configured to allow specific information of the manufacturer to be recorded therein;

a sixth area provided in the third area configured to allow recording time required for recording the specific information of the manufacturer to be recorded therein;

a seventh area provided in the second area configured to allow PGC control information to be recorded therein, the seventh area is different from the third area in the second area;

an eighth area provided in the seventh area configured to allow a plurality of PGC information to be recorded therein, each of the PGC information defined in each PGC, the PGC designating a playback sequence of cells, the cells indicating a playback period in the video object, a part of the video object configured to be referred to by more than one PGC;

a ninth area provided in the eighth area configured to allow one of the PGC information to be recorded therein, the PGC information including program information for a program, cell information, and search pointer of the cell information; and

a tenth area provided in the ninth area configured to allow PGC_GI to be recorded therein, the PGC_GI including number information of the program and number information of the search pointers of corresponding cell information, and said method comprises,

reproducing the management information; and

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reproducing the object file.

Claim 11 (Previously Presented): A method of recording information on an information recording medium wherein:

said information recording medium comprises,

a first area configured to allow an object file to be recorded therein or reproduced therefrom, the object file including at least one of a video object, a still video object, and an audio object;

a second area configured to allow management information to be recorded therein or reproduced therefrom, the management information being referred to when the object file recorded in the first area is reproduced;

a third area provided in the second area configured to allow manufacturer's information to be recorded therein;

a fourth area provided in the third area configured to allow manufacturer ID information to be recorded therein;

a fifth area provided in the third area configured to allow specific information of the manufacturer to be recorded therein;

a sixth area provided in the third area configured to allow recording time required for recording the specific information of the manufacturer to be recorded therein;

a seventh area provided in the second area configured to allow PGC control information to be recorded therein, the seventh area is different from the third area in the second area;

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an eighth area provided in the seventh area configured to allow a plurality of PGC information to be recorded therein, each of the PGC information defined in each PGC, the PGC designating a playback sequence of cells, the cells indicating a playback period in the video object, a part of the video object configured to be referred to by more than one PGC;

a ninth area provided in the eighth area configured to allow one of the PGC information to be recorded therein, the PGC information including program information for a program, cell information, and search pointer of the cell information; and

a tenth area provided in the ninth area configured to allow PGC_GI to be recorded therein, the PGC_GI including number information of the program and number information of the search pointers of corresponding cell information, and said method comprises,

recording the object file; and

recording the management information.

Claim 12 (Previously Presented): An information reproducing apparatus for reproducing information from an information recording medium wherein:

said information recording medium comprises,

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a first area configured to allow an object file to be recorded therein, the object file including at least one of a video object, a still picture object, and an audio object;

a second area configured to allow management information to be recorded therein, the management information being referred to when the object file recorded in the first area is reproduced;

a third area provided in the second area configured to allow manufacturer's information to be recorded therein;

a fourth area provided in the third area configured to allow manufacturer ID information to be recorded therein;

a fifth area provided in the third area configured to allow specific information of the manufacturer to be recorded therein;

a sixth area provided in the third area configured to allow recording time required for recording the specific information of the manufacturer to be recorded therein;

a seventh area provided in the second area configured to allow PGC control information to be recorded therein, the seventh area is different from the third area in the second area;

an eighth area provided in the seventh area configured to allow a plurality of PGC information to be recorded therein, each of the PGC information defined in each PGC, the PGC designating a playback sequence of cells, the cells indicating a playback period in the video object, a part of the video object configured to be referred to by more than one PGC;

a ninth area provided in the eighth area configured to allow one of the PGC information to be recorded therein, the PGC information including program information for a program, cell information, and search pointer of the cell information; and

a tenth area provided in the ninth area configured to allow PGC_GI to be recorded therein, the PGC_GI including number information of the program and number information of the search pointers of corresponding cell information, and

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said information reproducing apparatus comprises,

a decoder configured to decode at least one of the video object, the still video object, the audio object, and the manufacturer's information.

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REMARKS

Favorable reconsideration of this Application, as presently amended and in light of the following discussion, is respectfully requested.

A Notice of Allowance was issued on October 20, 2005. During a post-Allowance review of this Application, Applicants noted a typographical error in Claim 9. Accordingly, Claim 9 has been amended to use consistent terminology throughout. No new matter has been added.

Accordingly, it is respectfully requested that this Amendment be entered and a Supplemental Notice of Allowance be issued.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND
MAIER & NEUSTADT, P.C.

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